

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/GB2005/000780

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/166 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MISRA V S ET AL: "POTENTIAL ANTIVIRAL AND ANTITUBERCULOUS COMPOUNDS PART I. N-1-ACYL-N-4-ARYL OR ALKYL THIOSEMICARBAZIDES, SCHIFF'S BASES AND CONDENSATION PRODUCTS OF HYDRAZIDES AND ISONITROSOKETONES" INDIAN JOURNAL OF APPLIED CHEMISTRY, INDIAN CHEMICAL SOCIETY, CALCUTTA, IN, vol. 32, no. 6, 1969, pages 373-376, XP008034160 ISSN: 0019-5065 cited in the application table 3 ----- -/-	26-28, 36

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

1 June 2005

Date of mailing of the international search report

09/06/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ATKINSON C M ET AL: "SYNTHESIS OF SOME 1,2,4-TRIAZINES" JOURNAL OF THE CHEMICAL SOCIETY. ABSTRACTS, 1962, pages 1805-1811, XP008034152 ISSN: 0590-9791 cited in the application page 1809, paragraph 7	26, 36
A	MISRA V S ET AL: "POSSIBLE ANTITUBERCULOUS COMPOUNDS. XIV. CONDENSATION PRODUCTS OF HYDRAZIDES AND ISONITROSO KETONES" JOURNAL OF THE INDIAN CHEMICAL SOCIETY, THE INDIAN CHEMICAL SOCIETY, CALCUTTA, IN, vol. 39, no. 11, 1962, pages 763-764, XP008034167 ISSN: 0019-4522 cited in the application page 763, paragraph 1 - paragraph 3 table 1	1-36
A	GIAMMANCO L ET AL: "CONDENSAZIONE DI IDRAZIDI CON ISONITROSO-CHETONI" ANNALI DI CHIMICA, SOCIETA CHIMICA ITALIANA, ROME, IT, vol. 51, 1961, pages 777-784, XP008034170 ISSN: 0003-4592 cited in the application abstract compounds 3 and 9 in table 1	1-36
A	GIAMMANCO L: "CONDENSAZIONE DI IDRAZIDI CON ISONITROSOCHETONI" ANNALI DI CHIMICA, SOCIETA CHIMICA ITALIANA, ROME, IT, vol. 51, 1961, pages 175-180, XP008034154 ISSN: 0003-4592 cited in the application abstract page 778, paragraphs 2,3 compounds 1, 2, 7, 10 and 11 in table 1	1-36
	-/-	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BAHADUR S ET AL: "POTENTIAL ANTIMYCOBACTERIAL AGENTS. PART III. CONDENSATION PRODUCTS OF DIPHENYLAMINE-2-CARBOXYLIC ACID HYDRAZIDES WITH ALDEHYDES AND KETNES AND THEIR EVALUATION AS ANTIBACTERIALS" JOURNAL OF THE INDIAN CHEMICAL SOCIETY, THE INDIAN CHEMICAL SOCIETY, CALCUTTA, IN, vol. 52, no. 9, September 1975 (1975-09), pages 843-846, XP008034166 ISSN: 0019-4522 cited in the application the whole document</p>	1-36
A	<p>HARATS D ET AL: "A POSSIBLE ROLE FOR 15-LIPOXYGENASE IN ATHEROGENESIS" TRENDS IN CARDIOVASCULAR MEDICINE, ELSEVIER SCIENCE, NEW YORK, NY, US, vol. 5, no. 1, 1995, pages 29-36, XP000610711 ISSN: 1050-1738 the whole document</p>	1-36

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although the claim 32 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Remarks:

- 1) The term '3-nitro-, 2-hydroxy-, 2-hydroxy-3-methyl-, 4-(thienyl)-, 2-hydroxy-5-methyl or 4-hydroxyphenyl' in claim 26-(A)-(I) has been interpreted as reading '3-nitrophenyl, 2-hydroxyphenyl, 2-hydroxy-3-methylphenyl, 4-thienylphenyl, 2-hydroxy-5-methylphenyl or 4-hydroxyphenyl'.
- 2) The term '2-hydroxy-5-methyl-, 4-hydroxy-, 2-hydroxy-3-methyl- or 2-hydroxyphenyl' in claim 26-(A)-(II) has been interpreted as reading '2-hydroxy-5-methylphenyl, 4-hydroxyphenyl, 2-hydroxy-3-methylphenyl or 2-hydroxyphenyl'.
- 3) The term '3-nitro-, 2-hydroxy-5-methyl-, 4-hydroxy-, 2-hydroxy- or 4-(thienyl)phenyl' in claim 26-(A)-(III) has been interpreted as reading '3-nitrophenyl, 2-hydroxy-5-methylphenyl, 4-hydroxyphenyl, 2-hydroxyphenyl or 4-(thienyl)phenyl'.
- 4) The term 'N-(4-bromophenyl)-2-amino-, N-(2-methoxyphenyl)-2-amino-, N-(2-ethoxyphenyl)-2-amino-, N-(3-chlorophenyl)-2-amino-, N-(4-methylphenyl)-2-amino-, N-(3-methylphenyl)-2-amino-, N-(2-methylphenyl)-2-amino- or N-(phenyl)-2-aminophenyl' in claim 26-(B)-(I) has been interpreted as reading 'N-(4-bromophenyl)-2-aminophenyl, N-(2-methoxyphenyl)-2-aminophenyl, N-(2-ethoxyphenyl)-2-aminophenyl, N-(3-chlorophenyl)-2-aminophenyl, N-(4-methylphenyl)-2-aminophenyl, N-(3-methylphenyl)-2-aminophenyl, N-(2-methylphenyl)-2-aminophenyl or N-(phenyl)-2-aminophenyl'.
- 5) The term '3-nitro-, 2-hydroxy-5-methyl-, 4-hydroxy-, 2-hydroxy- or 2-hydroxy-3-methylphenyl' in claim 26-(B)-(II) has been interpreted as reading '3-nitrophenyl, 2-hydroxy-5-methylphenyl, 4-hydroxyphenyl, 2-hydroxyphenyl or 2-hydroxy-3-methylphenyl'.
- 6) The term '3-bromo-, 3,4-dimethoxy- or 2-hydroxy-5-bromophenyl' in claim 28(a) has been interpreted as reading '3-bromophenyl, 3,4-dimethoxyphenyl or 2-hydroxy-5-bromophenyl'.